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REPORT

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SOURCE Roentgenstrahlinterferenzen, by Max von Laue, 419 pp,

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X-RAY INTERFERENCE

Max von Laue

[NOTE: Subject book, "Roentgenstrahlinterferenzen," is the 1944 edition of the earlier 1940 publication the 1940 stock and plates being destroyed by fire in 1943. It was printed 1948 at Leipzig by the Akademische Verlagsgesellschaft Geest & Portig. Its table of contents is given below.

Subject book is Volume Six of the series entitled "Physics and Chemistry, and Their Applications to Individual Problems." Also given below is information on six other volumes of the series, as found in an advertisement leaf of Volume Six.]

Volume Six

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Volume One: Magnetochemistry, by W. Klemm, 1936, pp 277

Volume Two: The Atomic Nucleus, by C. F. von Weiszacker, 1937, pp 222.

Volume Three: Chemical Physics of Metals and Alloys, by U. Dehlinger, 1938, pp 179.

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Volume Four: Nuclear Moments (Kernmomente), by H. Kopfermann, 1940, pp 286. Contents: Exchange Effect Between Electron Shell and Nucleus; Optical Investigations of Hyperfine Structure: Determining the Deflection of Atom Rays and Nuclear Moments; Diatomic Molecules With Similar Nuclei and Nuclear Properties; Nuclear Moments and Structure.

Volume Five: Electrolyte Solutions, by G. Kortuem, 1941, pp 500. Contents: Development of the Electrolyte Theory; Thermodynamics of Dilute Solutions, etc.

Volume Six: As above.

Volume Seven: Matter Waves and Their Interference, by M. Von Laue, 1944, pp 400. Contents: History of the Discovery of Electron and Matter Waves; Geometric Theory of Electron Interference in Atoms and Molecules; Electron Interference in Crystals, Geometric Theory; Diffraction of Other Matter Waves; Dynamic Theory of Electron Interference.

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